

REMARKS/ARGUMENTS

It is respectfully submitted that the oath and declaration were submitted prior to an application number being assigned and therefore it is not necessary for Applicants to submit a new oath or declaration.

The Examiner's rejection of claims under 35 U.S.C. 112 and 103(a) is fully traversed below.

Rejections of claims under 35 U.S.C. 112

It is respectfully submitted that a Translation Lookaside Buffer (TLB) is searched for a TLB entry (see, for example, claim 1, operation B). Clearly, a TLB can be searched for a TLB entry. Further, claims 10 and 12 recite invoking a miss exception handler without issuing cross calls. As such, it is respectfully submitted that no additional explanation of how cross calls would be issued is needed.

Claims have been amended to recite "returning to a memory access instruction" (see, for example, operation 427 and 437 shown in Figures 4.2 and 4.3).

In addition, further minor corrections have been made to correct typographical and/or grammatical errors. Accordingly, it is respectfully requested that the Examiner withdraw the rejection under 35 U.S.C. § 112.

Rejection of claims under 35 U.S.C. § 103(a)

In the Office Action, the Examiner has noted that *Khalidi et al.* does not disclose a virtual address "having an associated context identifier" (Office Action, page 11). Nevertheless, the Examiner has asserted that *Khalidi et al.* teaches testing an associated context identifier to determine the availability of the TTE to have a memory instruction performed thereon. Clearly, the Examiner's rejection is improper because *khalidi et al.* cannot possibly teach testing a context identifier given that *Khalidi et al.* fails to teach a context identifier.

Moreover, it is respectfully submitted that neither *Khalidi et al.* nor Mohamed teach or suggest testing a context identifier associated with a virtual address. Claim 1

recites this feature and therefore is patentable over *Khalidi et al.* and *Mohamed*. Other independent claims recite this feature and therefore are patentable over the cited art.

CONCLUSION

Based on the foregoing, it is submitted that the claims are patentably distinct over the cited art of record. Additional limitations recited in the independent claims or the dependent claims are not further discussed because the limitations discussed above are sufficient to distinguish the claimed invention from the cited art. Accordingly, Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner.

Applicants hereby petition for an extension of time which may be required to maintain the pendency of this case, and any required fee for such extension or any further fee required in connection with the filing of this Amendment is to be charged to Deposit Account No. 500388 (Order No. SUN1P766). Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,
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